850

Purchase Order

Functional Group=PO

This "Draft Standard" for "Trial Use" contains the format and establishes the data contents of the Purchase Order Transaction Set (850), version 3050 for use within the context of an Electronic Data Interchange (EDI) and DSCR EDI procurement environment. The transaction set will be used to established business and industry practice relative to the placement of purchase orders for goods and services within DoD and commercial entities.. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Notes:

2/10L   PO102 is required.

2/10   PO102 is required.

3/10   The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the value of quantities ordered (PO102) for each PO1 segment.

3/20   If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculate sender.

User Note 1:

1. The term "award instrument" used in this convention includes, but is not limited to, the following terms: Agreement, Blanket Pur Agreement, Contract, Basic Agreement, Basic Ordering Agreement, Grant, Indefinite Delivery Indefinite Quantity, Purchase Order Delivery Definite Quantity, Requirements, Letter Contract, Task Order, Lease, Release, Call, and Delivery Order.

2. This transaction set is used to issue an original award instrument. If buyer initiated changes need to be made to a procurement instrument, use the Purchase Order Change Request - Buyer Initiated, 860 transaction set. Seller requested changes are initiated Purchasing Order Change Acknowledgment/Request - Seller Initiated, 865 transaction set.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usag
	ISA	Interchange Control Header	M	1			Must
	GS	Functional Group Header	M	1			Must

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usa
10	ST	Transaction Set Header	M	1			Must
20	BEG	Beginning Segment for Purchase Order	M	1			Must
50	REF	Reference Numbers	O	>1			Us
80	FOB	F.O.B. Related Instructions	O	>1			Us
LOOP ID - SAC					25		
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Us
130	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Us
190	PID	Product/Item Description	O	200			Us
200	MEA	Measurements	O	40			Us
LOOP ID - AMT					>1		
287	AMT	Monetary Amount	O	1			Us
288	AT	Financial Accounting	O	1			Us
289	REF	Reference Numbers	O	>1			Us
LOOP ID - N9					1000		
290	N9	Reference Number	O	1			Us

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usa
300	MSG	Message Text	O	1000			Us
LOOP ID - N1					**200**		
310	N1	Name	O	1			Us
320	N2	Additional Name Information	O	2			Us
330	N3	Address Information	O	2			Us
340	N4	Geographic Location	O	>1			Us
360	PER	Administrative Communications Contact	O	>1			Us
LOOP ID - LM					**>1**		
430	LM	Code Source Information	O	1			Us
440	LQ	Industry Code	M	>1			Must

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usa
LOOP ID - PO1					**100000**	**N2/10L**	
10	PO1	Baseline Item Data	M	1		N2/10	Must
30	PO3	Additional Item Detail	O	25			Us
49	MEA	Measurements	O	40			Us
LOOP ID - PID					**1000**		
50	PID	Product/Item Description	O	1			Us
100	REF	Reference Numbers	O	>1			Us
LOOP ID - SAC					**25**		
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Us
180	FOB	F.O.B. Related Instructions	O	>1			Us
289	MSG	Message Text	O	>1			Us
LOOP ID - PKG					**200**		
300	PKG	Marking, Packaging, Loading	O	1			Us
LOOP ID - LS					**1**		
320	LS	Loop Header	O	1			Us
LOOP ID - LDT					**>1**		
321	LDT	Lead Time	O	1			Us
327	LE	Loop Trailer	M	1			Us
LOOP ID - N9					**1000**		
330	N9	Reference Number	O	1			Us
340	MSG	Message Text	O	1000			Us
LOOP ID - N1					**200**		
350	N1	Name	O	1			Us
360	N2	Additional Name Information	O	2			Us
370	N3	Address Information	O	2			Us
380	N4	Geographic Location	O	1			Us
LOOP ID - AMT					**>1**		
600	AMT	Monetary Amount	O	1			Us
610	REF	Reference Numbers	O	1			Us
LOOP ID - LM					**>1**		
620	LM	Code Source Information	O	1			Us
630	LQ	Industry Code	M	>1			Must

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usag
10	CTT	Transaction Totals	M	1		N3/10	Must
20	AMT	Monetary Amount	O	1		N3/20	Use
30	SE	Transaction Set Trailer	M	1			Must

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usag
	GE	Functional Group Trailer	M	1			Must
	IEA	Interchange Control Trailer	M	1			Must

ISA   Interchange Control Header

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
ISA01	I01	**Authorization Information Qualifier** **Description:** Code to identify the type of information in the Authorization Information.	M	ID	2/2	Mus

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Us
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Mus
ISA03	I03	**Security Information Qualifier** **Description:** Code to identify the type of information in the Security Information. **All valid standard codes are used.**	M	ID	2/2	Mus
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Mus
ISA05	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M	ID	2/2	Mus

Code	Name
01	Duns (Dun & Bradstreet)
09	X.121 (CCITT)
12	Phone (Telephone Companies)
14	Duns Plus Suffix
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Us
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Mus
ISA07	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M	ID	2/2	Mus

Code	Name
01	Duns (Dun & Bradstreet)
09	X.121 (CCITT)
12	Phone (Telephone Companies)
14	Duns Plus Suffix

		ZZ		Mutually Defined		
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Mus
		Description: Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.				
ISA09	I08	**Interchange Date**	M	DT	6/6	Mus
		Description: Date of the interchange.				
ISA10	I09	**Interchange Time**	M	TM	4/4	Mus
		Description: Time of the interchange.				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Mus
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer. **All valid standard codes are used.**				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Mus
		Description: This version number covers the interchange control segments.				

Code   **Name**
00305   Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review
                  through December 1994

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Mus
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Mus
		Description: Code sent by the sender to request an interchange acknowledgment (TA1) **All valid standard codes are used.**				
ISA15	I14	**Test Indicator**	M	ID	1/1	Mus
		Description: Code to indicate whether data enclosed by this interchange envelope is test or production. (Note: when testing with DSCR using the Mercator translator use "P" indicator).				

Code   **Name**
P   Production Data

ISA16	I15	**Component Element Separator**	M	AN	1/1	Mus
		Description: This field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related Transaction Sets.	M	ID	2/2	Mus

Code	Name
PO	Purchase Order (850)

Ref	Id	Element Name	Req	Type	Min/Max	Us
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission. Codes agreed to by trading partners.	M	AN	2/15	Mus
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission. Codes agreed to by trading partners.	M	AN	2/15	Mus
GS04	373	**Date** **Description:** Date (YYMMDD).	M	DT	6/6	Mus
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Mus
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender.	M	N0	1/9	Mus
GS07	455	**Responsible Agency Code** **Description:** Code used in conjunction with Data Element 480 to identify the issuer of the standard.	M	ID	1/2	Mus

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Us
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user). If code in DE455 in GS segment is T, then other formats are allowed.	M	AN	1/12	Mus

Code	Name
003050	Draft Standards Approved for Publication by ASC X12 Procedures Review Board throug 1994

ST　Transaction Set Header

User Option (Usage): Must use

DOD Note:

To indicate the start of a transaction set and to assign a control number.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Mus
		Description: Code uniquely identify this Transaction Set.				
		User Note 1: *(850) Purchase Order*				

Code	Name
850	X12.1 Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Us
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Mus
		Description: Identifies the control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		User Note 1: *System Generated - This number is carried in SE02.*				

BEG Beginning Segment for Purchase Order

User Option (Usage): Must use

To indicate the beginning of the purchase order transaction set and transmit identifying numbers and dates.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Mus

Description: Code identifying purpose of transaction set.

User Note 1:

Code	Name
00	Original

> **User Note 1:**
> *Use to indicate an original award instrument. When this code is used, changes to the instrument can be only made with a Purchase Order Change Request - Buyer Initiate transaction set.*

07	Duplicate

> **User Note 1:**
> *Use to indicate a re-transmission of an original 850 transaction set.*

22	Information Copy

> **User Note 1:**
> *Use to indicate an information copy of an original award instrument. This information sent to addressees other than the selling party.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
BEG02	92	**Purchase Order Type Code**	M	ID	2/2	Mus

Description: Code specifying the type of Purchase Order.

Code	Name
RL	Release or Delivery Order

  Description: An order for goods and services placed against a pre-existing contract or order

Ref	Id	Element Name	Req	Type	Min/Max	Us
BEG03	324	**Purchase Order Number**	M	AN	1/22	Mus

Description: Basic Contract Number. That number is carried in BEG04. This number shall be transmitted without dashes.

User Note 1:
Basic Contract Number. That number is carried in BEG04. This number shall be transmitted without dashes.

Ref	Id	Element Name	Req	Type	Min/Max	Us
BEG04	328	**Release Number**	O	AN	1/30	U

Description: Delivery Order/Call Number. This number shall be transmitted without dashes.

User Note 1: *Delivery Order/Call Number. This number shall be transmitted without dashes.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
BEG05	373	**Date**	M	DT	6/6	Mus

Description: Delivery/Purchase Order Date. Date

(YYMMDD).

BEG09	1166	**Contract Type Code**	O	ID	2/2	U

Description: Code identifying a contract type

Code	**Name**
FR	Firm Fixed Price
FX	Fixed Price with Economic Price Adjustment

BEG10	1232	**Purchase Category**	O	ID	2/2	U

Description: Code identifying the broad category of products or services being acquired

Code	**Name**
SP	Supplies

REF Reference Numbers

User Option (Usage): Used

To specify identifying contract reference numbers.

DOD Note:
Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by lin
the 2/REF/100 segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
REF01	128	**Reference Number Qualifier**	M	ID	2/2	Mus

Description: Code qualifying the Reference Number.

Code	Name
C4	Change Number
DS	Defense Priorities Allocation System (DPAS) Priority Rating

User Note 1:
When used, the code cited in REF02 is a 4 position code.

K4	Criticality Designator

Description: A number assigned to a contract or order that expresses the relative impo
that contract or order and thereby assists the contractor in making performance decisio
assists in making production surveillance decisions

User Note 1:
Use to indicate the surveillance criticality designator applicable to the award instrume

XE	Transportation Priority Number

Description: Number indicating the level of government priority associated with the tra
of a shipment

ZZ	Mutually Defined

User Note 1:
Use to indicate the Required Delivery Date (RDD) of the item.

Ref	Id	Element Name	Req	Type	Min/Max	Us
REF02	127	**Reference Number**	O	AN	1/30	U

Description: Criticality/DPAS Qualifier.

FOB   F.O.B. Related Instructions

User Option (Usage): Used

To specify transportation instructions relating to shipment

DOD Note:

1. Use this 1/FOB/080 segment for DSCP transactions if the FOB point and the acceptance location apply to all of the line items.
FOB point and/or acceptance location varies by line item. Use the 2/FOB/180 segment for DSCR transactions.

2. This segment is not used when the award instrument is for construction or a service without deliverables.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Mus

Description: Code identifying payment terms for
transportation charges.

Code	Name
PP	Prepaid (by Seller)

Description: Transportation charges are not included in Unit Price - Include as a seper
on invoice.

User Note 1:

*Use to indicate transportation charges billed as a seperate item on invoice - not inclu
unit price.*

Code	Name
PS	Paid by Seller

Description: The seller agrees to the transportation payment term requiring the seller t
transportation charges to a specified location (origin or destination location)

User Note 1:

*Use to indicate transportation charges not billed as a seperate item on invoice - are in
the unit price.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
FOB02	309	**Location Qualifier**	O	ID	1/2	U

Description: Code identifying type of location.
User Note 1: *Use to identify the FOB point.*

Code	Name
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max	Us
FOB06	309	**Location Qualifier**	O	ID	1/2	U

Description: Code identifying type of location.
User Note 1: *Use to identify the Inspection/Acceptance
point.*

Code	Name
DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

User Note 1:

*Use to indicate the acceptance point is neither at origin nor at destination. Provide the
acceptance point address in the N1 loop, citing code KZ in N101; provide the inspecti
another iteration of the N1 loop, citing code L1 in N101.*

SAC   Service, Promotion, Allowance, or Charge Information

Pos: 120
        Heading - Opt
Loop: SAC   El

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for
the service, promotion, allowance, or charge

DOD Note:
Use this 1/SAC/120 segment to identify services, allowances, or non-CLIN charges and , if applicable , quantities applicable to al
items. If the services , allowances , or non-CLIN charges vary by line item , use the 2/SAC/130 segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified.	M	ID	1/1	Mus

Code	Name
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **User Note 1:** *Any code may be used but it should be the same code as provided in the quote or offer.*	O	ID	4/4	U

Code	Name
G740	Service Charge
	Description: Use G740 for Global Administrative Recharge;
H110	Special Packaging
	Description: Use H1-10 for Export Packing, and for Bar Code Fee.
I270	Transportation Third Party Billing
ZZZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC05	610	**Amount** **Description:** Monetary amount.	O	N2	1/15	U
SAC06	378	**Allowance/ Charge Percent Qualifier** **Description:** Code indicating on what basis allowance or charge percent is calculated. **User Note 1:** *Use any code.* **All valid standard codes are used.**	O	ID	1/1	U
SAC07	332	**Percent** **Description:** Percent expressed as a percent **User Note 1:** *Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).*	O	R	1/6	U
SAC08	118	**Rate** **Description:** Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9	U
SAC09	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **User Note 1:** *An application program conversion table may be required to convert agency codes to ASC X12*	O	ID	2/2	U

		codes. **All valid standard codes are used.**				
SAC10	380	**Quantity** **Description:** Numeric value of quantity. **User Note 1:** *Use to indicate the quantity to which the amount in SAC05 applies. SAC 10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.*	O	R	1/15	U
SAC11	380	**Quantity** **Description:** Numeric value of quantity. **User Note 1:** *Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.*	O	R	1/15	U
SAC13	127	**Reference Number** **Description:** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. **User Note 1:** *Use to identify the ACRN, project code, funding code or accounting code to which a charge or allowance is applicable. These reference numbers and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.*	O	AN	1/30	U

ITD Terms of Sale/Deferred Terms of Sale

User Option (Usage): Used

To specify "Terms of Sale/Deferred Terms of Sales."
"MOCAS ONLY"

DOD Note:

Note: Where there are multiple discount terms there will be one ITD03/ITD05 pair for each discount period.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
ITD03	338	**Terms Discount Percent**	O	R	1/6	U
		Description: Terms discount percentage.				
		User Note 1: *Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).*				
ITD05	351	**Terms Discount Days Due**	O	N0	1/3	U
		Description: Discount days.				
		User Note 1: *Note: Where there are multiple discount terms there will be one ITD03/ITD05 pair for each discount period.*				

PID Product/Item Description

User Option (Usage): Used

To describe a product or process in coded or free-form format

DOD Note:

1. Use this segment to provide a description of the item or service being ordered.

2. Use this 1/PID/190 segment to provide an overall description that applies to all line items. When descriptions vary by line item, general description in this segment and use the 2/PID/050 segment to transmit the varying descriptions.

3. Use is discouraged. Whenever possible, items should be described by successive iterations of 235/234 pairs in the 2/PO1/010 or by reference number. Use codified data whenever possible.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description. **All valid standard codes are used.**	M	ID	1/1	Mus
PID02	750	**Product/Process Characteristic Code** **Description:** Code identifying the general class of a product or process characteristic **User Note 1:** *Use any code.* **All valid standard codes are used.**	O	ID	2/3	U
PID03	559	**Agency Qualifier Code** **Description:** Code identifying the agency assigning the code values. **User Note 1:** *Use any code.* **All valid standard codes are used.**	O	ID	2/2	U
PID04	751	**Product Description Code** **Description:** A code from an industry code list which provides specific data about a product characteristic.	O	AN	1/12	U
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content. **User Note 1:** *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*	O	AN	1/80	U

MEA   Measurements

User Option (Usage): Used

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001.)

DOD Note:

1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If information varies by line item, use th 2/MEA/049 segment.

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type a instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the mini maximum obligations of the government and contractor, and warranty periods.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
MEA01	737	**Measurement Reference ID Code** **Description:** Code identifying the broad category to which a measurement applies	O	ID	2/2	U

Code   **Name**
BT   Batch Limits
      Description: Limits set on test results from all product made for one unit or period of p

Ref	Id	Element Name	Req	Type	Min/Max	Us
MEA04	C001	**Composite Unit of Measure** **Description:** To identify a composite unit of measure (See Stabdards Dictionary for specific codes.)	O	Comp		U

User Note 1: *1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or indefinite quantity type award instrument.*

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite MX, MEA03 would cite 10,000, MEA04-C00101 would cite EA, and MEA04-4 would cite Q1.

Ref	Id	Element Name	Req	Type	Min/Max	Us
	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the Government Unit of Issue in which a value is being expressed, or manner in which a measurement has been taken.	M	ID	2/2	Mus

User Note 1: *Refer to code list due to length.*

All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Us
MEA05	740	**Range Minimum** **Description:** Percent of Varience Over	O	R	1/20	U
MEA06	741	**Range Maximum** **Description:** Percent of Varience Under	O	R	1/20	U

AMT **Monetary Amount**

Pos: 287
    Heading - Opt
Loop: AMT

User Option (Usage): Used

This Segment will only be sent to POPS Vendors who also are government entities, such as UNICOR
(Federal Prison Industries, NIB, NISH). To indicate the total monetary amount.

DOD Note:

This Segment will only be sent to POPS Vendors who also are government entities, such as UNICOR (Federal Prison Industries,
NISH).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
AMT01	522	**Amount Qualifier Code**	M	ID	1/2	Mus

Description: Code to qualify amount

User Note 1: *For correct use of the following codes in various fee and profit arrangements by type of contract, see Appendix A.*

Code	Name
KC	Obligated

    Description: An amount a party has an obligation to pay upon a successful performanc
another party, (e.g.,funds obligated on a contract)

Ref	Id	Element Name	Req	Type	Min/Max	Us
AMT02	782	**Monetary Amount**	M	R	1/15	Mus

Description: The obligated amount.

AT   Financial Accounting

User Option (Usage): Used

This Segment will only be sent to POPS Vendors who also are government entities, such as UNICOR
(Federal Prison Industries, NIB, NISH). To transmit financial accounting data

DOD Note:
Use this segment to provide the financial accounting data applicable to this award instrument.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
AT02	1282	**Treasury Symbol Number** **Description:** Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure **User Note 1:**	O	AN	7/21	Mus
AT07	1287	**Accountable Station Number** **Description:** Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure **User Note 1:** *Accountable Station Number = S33150 (Richmond)*	O	AN	3/8	Mus
AT09	352	**Description** **Description:** Additional free-form description to clarify the related data elements and their content.	O	AN	1/80	Mus

REF   Reference Numbers

User Option (Usage): Used

Richmond - MOCAS ONLY - This Segment will only be sent to POPS Vendors who also are government
entities, such as UNICOR (Federal Prison Industries, NIB, NISH).

DOD Note:

Use this segment to identify a number or a code applicable to the financial accounting data cited in the preceding AT segment. Th
or code can be cited in the 2/REF/610 segment in place of repeating the accounting data at the Detail level when it is necessary
associate the accounting data with an amount cited in the 2/AMT/600 segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
REF01	128	**Reference Number Qualifier**	M	ID	2/2	Mus

Description: Code qualifying the Reference Number.
Richmond MOCAS ONLY

Code	Name
AX	Government Accounting Class Reference Number (ACRN)

Ref	Id	Element Name	Req	Type	Min/Max	U
REF02	127	**Reference Number**	O	AN	1/30	U

Description: This is the two (2) character ACRN.

N9   Reference Number

User Option (Usage): Used

(Special Instruction Number)

DOD Note:

1. Use this 1/N9/290 loop to identify various clauses (e.g., FAR, DFARS, FIRMR, GSARS, VAARS, Agency, or other clauses), OI Circular, special instructions or other references that are applicable to the entire award instrument. If the information varies by line the 2/N9/330 segment.

2. When an alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and the date MUST be cited in following MSG segment.

3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited following MSG segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N901	128	**Reference Number Qualifier**	M	ID	2/2	Mus
		Description: Code qualifying the Reference Number.				

Code	Name
FA	Federal Acquisition Regulations (FAR)
KD	Special Instructions Number

> **User Note 1:**
> *Use to indicate a special instruction. Indicate the agency or purchasing activity issuing special instructions in N903.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
N902	127	**Reference Number**	O	AN	1/30	U
		Description: Literal - "Remarks"				

User Note 1: *Use*

DSCP - if KD is used in N901

522131 - if FA is used in N901

Ref	Id	Element Name	Req	Type	Min/Max	Us
N903	369	**Free-form Description**	O	AN	1/45	U
		Description: Literal - Description				

User Note 1: *Literal "DISC"*

MSG   Message Text

User Option (Usage): Used

To provide a free form format that would allow the transmission of text information.

DOD Note:

1. Use this segment to carry the title or full text of any clause, if it is required, a special instruction, or other information associated
number cited in N902.

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. When prov
information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will
followed by a numeric designation of the fill-ins being provided. Each fill-in will be preceded by the paragraph or section identifier
clause where the fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section de
the required information will immediately follow the numeric designation of the fill-ins being provided.

3. A pipe sign (|) will be inserted after each data item. As an example, the fill-in information required by FAR 52.212-3 will be prov
follows:

Commencement, Prosecution, and Completion of Work| Alternative I (Apr 1984)| 3| (a) 30| (c) Sep 30, 1995| Jan 15, 1995|

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
MSG01	933	**Free-Form Message Text** **Description:** Free-form message text.	M	AN	1/264	Mus

N1   Name

User Option (Usage): Used

To identify a party by type of organization, name and code

DOD Note:

1. Use this 1/N1/310 loop to identify organizations or locations that apply to all the line items. If the information varies by line item,
2/N1/350 loop.

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and se
through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.

3. At least 3 iterations of this segment are required using codes BY, PO, and SE.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N101	98	**Entity Identifier Code**	M	ID	2/2	Mus

Description: Code identifying an organizational entity, a
physical location, or an individual

Code	Name
BY	Buying Party (Purchaser)
C4	Contract Administration Office

   Description: Established at either a contractor facility or in a geographic area, and resp
for administering on behalf of the buying activities that assigned contracts for administra
all contracts awarded to either the specific contractor or all contractors in the geographi

CY	Country

   User Note 1:

Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N1
the applicable ISO country code in N404.

PL	Party to Receive Purchase Order

   User Note 1:

Use to indicate entities other than the contractor that are to receive copies of the awa
instrument.

PO	Party to Receive Invoice for Goods or Services

   User Note 1:

Use to indicate where the invoice should be mailed.

PR	Payer

   User Note 1:

Use to indicate the paying office.

SE	Selling Party

   User Note 1:

Use to indicate the party receiving the award. If the award is for a Section 8a contract
code C9 to identify the Small Business Administration (SBA).

Ref	Id	Element Name	Req	Type	Min/Max	
N102	93	**Name**	O	AN	1/35	U

Description: Free-form name.

| N103 | 66 | **Identification Code Qualifier** | O | ID | 1/2 | U |

Description: Code designating the system/method of
code structure used for Identification Code (67).

Code	Name

	10	Department of Defense Activity Address Code (DODAAC)

User Note 1:
Use to indicate a Department of Defense or Civilian Agency Activity Address Code.

	33	Commercial and Government Entity (CAGE)
	38	Country Code

N104	67	**Identification Code**	O	AN	2/20	U

Description: Actual CAGE or DODAAC.

N2   Additional Name Information

User Option (Usage): Used

To specify additional names or those longer than 35 characters in length

DOD Note:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N201	93	**Name**	M	AN	1/35	Mus
		Description: Additional Name 1 or Address Line 2				
N202	93	**Name**	O	AN	1/35	U
		Description: Additional Name 2.				

N3 Address Information

User Option (Usage): Used

To specify the location of the named party

DOD Note:
This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N301	166	**Address Information** **Description:** Additional Name 1 or Address Line 3	M	AN	1/35	Mus
N302	166	**Address Information** **Description:** Additional Name 2 or Address Line 4 used for Overseas Addresses or Address Line when unable to parse the City, State and Zip Code.	O	AN	1/35	U

N4   Geographic Location

User Option (Usage): Used

To specify the geographic place of the named party

DOD Note:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N401	19	**City Name** **Description:** Free-form text for city name.	O	AN	2/30	U
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2	U
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/11	U
N404	26	**Country Code** **Description:** Code identifying the country.	O	ID	2/3	U

PER Administrative Communications Contact

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed.

DOD Note:

Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
PER01	366	**Contact Function Code**	M	ID	2/2	Mus

Description: Code identifying the major duty or responsibility of the person or group named.

User Note 1: *Use to identify the various individuals who can be contacted regarding specific areas of this award instrument.*

Code	Name
BD	Buyer Name or Department

    User Note 1:

    Includes Grants Management Specialists.

Code	Name
PC	Purchasing Contracting Officer (PCO)

    Description: Person to whom a warrant has been issued authorizing that person to ob funds on behalf of the government

    User Note 1:

    Includes Grants/Contract Project Officer.

Ref	Id	Element Name	Req	Type	Min/Max	Us
PER02	93	**Name**	O	AN	1/35	U

Description: Free-form name.

User Note 1: *Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
PER03	365	**Communication Number Qualifier**	O	ID	2/2	U

Description: Code identifying the type of communication number.

Code	Name
AU	Defense Switched Network

    Description: Department of Defense telecommunications system and successor of the Voice Network (AUTOVON)

Code	Name
EM	Electronic Mail
FX	Facsimile
IT	International Telephone

    User Note 1:

    Include the country code.

Code	Name
TE	Telephone

    User Note 1:

    Use to indicate the commercial telephone number of the individual cited in PER02. In area code.

Ref	Id	Element Name	Req	Type	Min/Max	Us
PER04	364	**Communication Number**	O	AN	1/80	U

		Description: Complete communications number including country or area code when applicable.				
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number.	O	ID	2/2	U

User Note 1: *Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.*

Code	Name
AU	Defense Switched Network
	Description: Department of Defense telecommunications system and successor of the Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
	User Note 1: *Use only if PER03 is used citing either code AU or TE.*
FX	Facsimile
IT	International Telephone
	User Note 1: *Include the country code.*
TE	Telephone
	User Note 1: *Use to indicate the commercial telephone number of the individual cited in PER02. In[...] area code.*

PER06	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable.	O	AN	1/80	U
PER07	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number.	O	ID	2/2	U

User Note 1: *Use to indicate a third communications number for the party cited in PER02.*

Code	Name
AU	Defense Switched Network
	Description: Department of Defense telecommunications system and successor of the Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
	User Note 1: *Use only if PER05 is used citing either AU or TE.*
FX	Facsimile
IT	International Telephone
	User Note 1: *Include country code.*
TE	Telephone
	User Note 1: *Used to indicate the commercial telephone number of the individual cited in PER02. I[...] area code.*

PER08	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable.	O	AN	1/80	U
PER09	443	**Contact Inquiry Reference** **Description:** Additional reference number or description to clarify a contact number.	O	AN	1/20	U

LM   Code Source Information

Pos: 430
    Heading - Opti
Loop: LM   **I**

User Option (Usage): Used

To transmit standard code list identification information

DOD Note:

Use this loop to provide data to field contract administration offices that cannot be provided by other means within this transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Mus

Description: Code identifying the agency assigning the code values.

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

User Option (Usage): Must use

Code to transmit standard industry codes

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	U

Description: EFT Code Qualifier

Code	Name
2	Type of Business Code

   Description: The classification of a contractor's business

   User Note 1:
   Use to indicate the contractor's type of business classification, e.g., small disadvanta
   business, hospital, etc.

Code	Name
6	Special Contract Provision Code

   Description: Certain contract clauses and provisions that require special attention

   User Note 1:
   Use to indicate special clauses/provisions.

Code	Name
A9	Supplementary Address

   Description: Identifies the originating organization's unique logistics information

Ref	Id	Element Name	Req	Type	Min/Max	Us
LQ02	1271	**Industry Code**	O	AN	1/20	U

Description: Code indicating a code from a specific industry code list

Code	Name
T	Added per DSCR

PO1　Baseline Item Data

User Option (Usage): Must use

To specify basic and most frequently used line item data

DOD Note:

1. Use this PO1 loop to identify all information applicable to the line item or service being awarded.

2. In those rare instances where Table 2 information is not required, e.g., if an Agreement has no detail information, only PO101 i
to be transmitted. In that instance, cite the word "NONE" in PO101.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
PO101	350	**Assigned Identification** **Description:** Contract Line Item Number (CLIN), or Sub Contract Line Item Number (SUBCLIN). Fed IC specifies that this is the CLIN (4-6 characters)	O	AN	1/11	U
PO102	330	**Quantity Ordered** **Description:** To identify the quantity ordered in vendor units.	O	R	1/9	U
PO103	355	**Unit or Basis for Measurement Code** **Description:** Vendor Unit of Issue Codes. Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. **All valid standard codes are used.**	O	ID	2/2	U
PO104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **User Note 1:** *Vendor Unit Price.*	O	R	1/17	U
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234). **User Note 1:** *1. PO106 through PO125 are used in pairs, e.g., PO106 contains a qualifier code and PO107 contains data related to the code.*	O	ID	2/2	U

Code	Name
FS	National Stock Number

Ref	Id	Element Name	Req	Type	Min/Max	Us
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service. Actual National Stock Number (No hyphens in this element)	O	AN	1/40	U
PO108	235	**Product/Service ID Qualifier** **Description:** Actual National Stock Number	O	ID	2/2	U

Code	Name
KM	Shelf-Life Code
VN	Vendor's (Seller's) Item Number
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Us
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service.	O	AN	1/40	U

| PO110 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 | U |
| | | **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234). | | | | |

Code	**Name**
KM	Shelf-Life Code

| PO111 | 234 | **Product/Service ID** | O | AN | 1/40 | U |
| | | **Description:** Identifying number for a product or service. Used code from Source List 192. | | | | |

PO3   Additional Item Detail

User Option (Usage): Used

To specify additional item related data involving variations in normal price/quantity structure.

DOD Note:
Use this 2/PO3/030 segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
PO301	371	**Change Reason Code** **Description:** Government alternate quantity/Measurement Qualifier.	M	ID	2/2	Mus

Code	Name
AQ	Alternate Quantity and Unit of Measure

User Note 1:
Use to indicate that the CLIN, SUBCLIN, or ELIN has alternate quantity and unit of m
(e.g., PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH.

Code	Name
EV	Estimated Quantity

User Note 1:
Use to indicate the quantity for the CLIN, SUBCLIN, or ELIN cited in PO101 is an esti

Ref	Id	Element Name	Req	Type	Min/Max	Us
PO306	380	**Quantity** **Description:** Government Quantity. Note: Quantity in terms of Government Standard Unit of Issue.	M	R	1/15	Mus

User Note 1: *Due to the mandatory nature of this data element, when PO301 is code EV, repeat the quantity cited in PO102.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
PO307	355	**Unit or Basis for Measurement Code** **Description:** Government unit of measurement. Note: Quantity in terms of Government Standard Unit of Issue. **All valid standard codes are used.**	M	ID	2/2	Mus

MEA **Measurements**

User Option (Usage): Used

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See
Figures Appendix for example of use of C001.)

DOD Note:

*1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide
information that applies to all of the line items.*

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type
instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the
and maximum obligations of the government and contractor, and warranty periods.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
MEA02	738	**Measurement Qualifier**	O	ID	1/3	U

Description: Code identifying a specific product or
process characteristic to which a measurement applies

Code	Name
PO	Percent of Order (-, +)

    Description: Expression of allowable variance of order expressed either as absolute (f
92% to 110%) or relative percent (for example - 8% to + 10%)

Ref	Id	Element Name	Req	Type	Min/Max	Us
MEA04	C001	**Composite Unit of Measure**	O	Comp		U

Description: P1

User Note 1: *1. This composite unit of measure can be*
used to indicate the maximum that may be ordered
during a specified period of time under a requirements or
an indefinite quantity type procurement instrument.

2. For example: If the maximum that can be ordered per
quarter is 10,000 each, then MEA01 would cite code OL,
MEA02 would cite code MX, MEA03 would cite 10,000,
MEA04-C00101 would cite code EA, and MEA04-
C00104 would cite code Q1.

| | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 | Mus |

Description: Code specifying the units in which a value
is being expressed, or manner in which a measurement
has been taken

Code	Name
P1	Percent

| MEA05 | 740 | **Range Minimum** | O | R | 1/20 | U |

Description: Minimum Percentage of Quantity Ordered
User Note 1: *Percents will be cited as follows: 4.25%*
will be cited as 4.25; 3% will be cited as 3 (note: leading
and trailing zeros are suppressed.

| MEA06 | 741 | **Range Maximum** | O | R | 1/20 | U |

Description: Maximum Percentage of Quantity
Ordered.
User Note 1: *Percents will be cited as follows: 4.25%*
will be cited as 4.25; 3% will be cited as 3 (note: leading

and trailing zeros are suppressed.

PID   Product/Item Description

User Option (Usage): Used

To describe a product or process in coded or free-form format

DOD Note:
Use this 2/PID/050 segment to provide information applicable to a specific line item. Use the 1/PID/190 segment when the inform
applies to all of the line items.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
PID01	349	**Item Description Type**	M	ID	1/1	Mus

Description: Code indicating the format of a description.

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Us
PID05	352	**Description**	O	AN	1/80	U

Description: A free-form item description to clarify the related data elements and their content.
User Note 1: *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

REF   Reference Numbers

User Option (Usage): Used

To specify identifying numbers. Note: This segment will be sent only to those POPS vendors having
contractually agreed to accept FMS orders and have an alternate source for obtaining FMS addresses.

DOD Note:
Use this 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to iden
reference numbers that apply to all of the line items.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
REF01	128	**Reference Number Qualifier**	M	ID	2/2	Mus

Description: Code qualifying the Reference Number.

Code	Name
2E	Foreign Military Sales Case Number

Description: A reference number designating the foreign military sale records

User Note 1:
Use to indicate a Foreign Military Sale.

IL	Internal Order Number

User Note 1:
Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.

P4	Project Code

User Note 1:
Use to indicate the project number applicable to the line item.

PH	Priority Rating

User Note 1:
Use to indicate the MILSTRIP/FEDSTRIP priority rating.

RQ	Purchase Requisition No.

User Note 1:
Use to indicate the Purchase Request (PR) number or the Purchase Request Order N
(PRON). When citing a purchase request number, concatenate its line item number w
purchase request number if it is necessary to transmit both numbers.

RU	Route Number

User Note 1:
Use to specify the RIC of party to receive order.

T4	Signal Code

Description: Defense Fuel Supply Center to bill back fuel purchases to the appropriate
agency account fund

XE	Transportation Priority Number

Description: Number indicating the level of government priority associated with the tra
of a shipment

ZZ	Mutually Defined

User Note 1:
Use to indicate another type of reference number. When used, identify the nature of i
in REF03.

REF02	127	**Reference Number** **Description:** Identify the code value selected in REF01. Purchase Requisition Number Milstrip Requsition Number Milstrip Priority Rating Transportation Number Project Code Signal Code FMS Case Number Required Delivery Date Route Number	O	AN	1/30	U
REF03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content. **User Note 1:** *1. Use to carry additional information related to a reference number cited in REF02.* *2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*	O	AN	1/80	U

SAC   Service, Promotion, Allowance, or Charge Information

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

DOD Note:

Use this 2/SAC/130 segment to identify services, allowances, or non-CLIN charges and, if applicable, quantities, that apply to spe items. If the services, allowances, or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified.	M	ID	1/1	Mus

Code	**Name**
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge	O	ID	4/4	U

Code	**Name**
G740	Service Charge
	Description: Use G740 for Global Administrative Recharge;
H110	Special Packaging
	Description: Use H1-10 for Export Packing, and for Bar Code Fee.
I260	Transportation Direct Billing
	Description: Use 1260 for any of the many transportation charges.
ZZZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC05	610	**Amount** **Description:** Total amount of charge.	O	N2	1/15	U
SAC06	378	**Allowance/ Charge Percent Qualifier** **Description:** Code indicating on what basis allowance or charge percent is calculated.	O	ID	1/1	U

Code	**Name**
6	Base Price Amount
Z	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Us
SAC07	332	**Percent** **Description:** Percent expressed as a percent	O	R	1/6	U

User Note 1: *Percent from contract.*

FOB   F.O.B. Related Instructions

User Option (Usage): Used

To specify transportation instructions relating to shipment

DOD Note:
1. Use this 2/FOB/180 segment to specify an FOB point and acceptance location for a specific line item. Use the 1/FOB/080 seg
specify an FOB point and acceptance location that applies to all the line items.

2. This segment is not used when the award instrument is for a service without deliverables or construction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Mus

Description: Code identifying payment terms for transportation charges.

Code	Name
PP	Trans Chgs Billed

   Description: Transportation charges are not included in Unit Price - Include as a seper
   on invoice.

| PS | Trans Chgs Not Paid |

   Description: (Paid by Seller) No seperate transportation charges - they are included in

Ref	Id	Element Name	Req	Type	Min/Max	Us
FOB02	309	**Location Qualifier**	O	ID	1/2	U

Description: Code identifying type of location.
User Note 1: *Use to identify the FOB point.*

Code	Name
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max	Us
FOB06	309	**Location Qualifier**	O	ID	1/2	U

Description: Code identifying type of location.
User Note 1: *Inspection/Acceptance Point.*

Code	Name
DE	Destination (Shipping)
OR	Origin (Shipping Point)

MSG Message Text

User Option (Usage): Used

To provide a free form format that would allow the transmission of text information.

DOD Note:

1. Use to provide any plain text information not associated with a lead time, a clause, or an address.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
MSG01	933	**Free-Form Message Text** **Description:** This is used to identify a service designated critical safety item.	M	AN	1/264	Mus

PKG　Marking, Packaging, Loading

User Option (Usage): Used

To describe marking, packaging, loading and unloading requirements.

DOD Note:

1. Use this 2/PKG/300 segment when packaging requirements apply to specific line items. Use the 2/PKG/460 segment if the pa
requirements apply to a named entity.

2. Packaging information such as the number of items in a unit container; the number of unit containers in a intermediate container
requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate c
carried in the 2/PO4/090 segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
PKG01	349	**Item Description Type**	O	ID	1/1	U
		Description: Code indicating the format of a description.				

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Us
PKG02	753	**Packaging Characteristic Code**	O	ID	1/5	U
		Description: Code specifying the marking, packaging, loading and related characteristics being described.				
		User Note 1: *Use the listed codes to identify the applicable packaging requirements.*				

Code	Name
SMK	Special Marking

Ref	Id	Element Name	Req	Type	Min/Max	Us
PKG05	352	**Description**	O	AN	1/80	U
		Description: Packaging Statements - Mark All Cases - Fast Pay when fast pay eligible.				

LS   Loop Header

User Option (Usage): Used

To indicate that the next segment begins a loop

DOD Note:
Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LS01	447	**Loop Identifier Code** **Description:** The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	M	AN	1/4	Mus

LDT   Lead Time

User Option (Usage): Used

To specify lead time for availability of products and services.

> **DOD Note:**
>
> *1. Use this 2/LDT/321 loop when the delivery schedule is expressed as a set time period after the occurrence of some event, and*
> *line item. If the delivery schedule is applicable to a named entity, use the 2/LDT/462 loop. If this segment is used, the 2/DTM/21*
> *is not used to describe a delivery schedule.*
>
> *2. The following are examples of how this LDT loop can be used to specify a delivery schedule:*
>
> *Example 1: Deliver 50 each 180 days after date of order.*
>
> *LDT*AY*180*DA n/l*
> *QTY*1J*50*EA n/l*
>
> *Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.*
>
> *LDT*AY*180*DA n/l*
> *QTY*1J*50*MO n/l*
>
> *Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order un*
> *order is completed, then 1000 each per month until the total order is complete.*
>
> *LDT*AY*90*DA n/l*
> *QTY*1J*2500*Q1 n/l*
> *QTY*1K*4*Q1 n/l*
> *LDT*AM*1*MO n/l*
> *QTY*1J*1000*MO n/l*
> *QTY*1K*10*MO n/l*
> *LDT*AK*1*MO n/l*
> *QTY*1J*500*EA n/l*

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LDT01	345	**Lead Time Code** **Description:** Code indicating the time range. **User Note 1:** *From Date of Award to Date of Delivery.*	M	ID	2/2	Mus
		Code **Name** AY From Date of Award to Date of Delivery				
LDT02	380	**Quantity** **Description:** Delivery days. Delivery days as agreed in the basic contract. **User Note 1:** *Delivery Days.*	M	R	1/15	Mus
LDT03	344	**Unit of Time Period or Interval** **Description:** Code indicating the time period or interval	M	ID	2/2	Mus
		Code **Name** DA Calendar Days				

LE   Loop Trailer

User Option (Usage): Used

LOOP = LDT. To indicate that the loop immediately preceding this segment is complete

DOD Note:
LOOP = LDT: Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LE01	447	**Loop Identifier Code** **Description:** The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	M	AN	1/4	Mus

N9   Reference Number

User Option (Usage): Used

To transmit identifying numbers and descriptive information as specified by the reference number qualifier

DOD Note:

*1. Use this 2/N9/330 loop to identify various clauses (e.g., FAR, DFARS, FIRMR, GSARS, VAARS, Agency, or other clauses), OI
Circular, special instructions, or other references that are applicable to a specific line item. If the information applies to all of the l
use the 1/N9/290 loop.*

*2. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and the date MUST be cited in
following MSG segment.*

*3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited
following MSG segment.*

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N901	128	**Reference Number Qualifier**	M	ID	2/2	Mus

Description: Code qualifying the Reference Number.

Code	Name
FA	Federal Acquisition Regulations (FAR)
KD	Special Instructions Number

User Note 1:

*Use to indicate a special instruction. Indicate the agency, or purchasing activity issuir
special instruction in N903.*

Ref	Id	Element Name	Req	Type	Min/Max	Us
N902	127	**Reference Number**	O	AN	1/30	U

User Note 1: *Use DSCP -   if KD is used in N901
Use 522131 - if FA is used in N901*

MSG   Message Text

Pos: 340
Detail - Optio
Loop: N9

User Option (Usage): Used

To provide a free form format that would allow the transmission of text information.

DOD Note:

*1. Use this segment to carry the title or full text of any clause, if it is required, a special instruction, or other information associated
number cited in N902.*

*2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. When pro
information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will
followed by a numeric designation of the fill-ins being provided. Each fill-in will be preceded by the paragraph or section identifier
clause where the fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section de
the required information will immediately follow the numeric designation of the fill-ins being provided.*

*3. A pipe sign (|) will be inserted after each data item. As an Example, the fill-in information required by FAR 52.212-3 will be prov
follows:*

Commencement, Prosecution, and Completion of Work| Alternative I (Apr 1984)| 3| (a) 30| (c) Sep 30, 1995| Jan 15, 1995|

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Mus
		Description: This is used to identify MROs.				

User Note 1:

N1   Name

User Option (Usage): Used

To identify a party by type of organization, name and code

DOD Note:

1. Use the 2/N1/350 loop to identify organizations and locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items.

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and se through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.

3. When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N be used to specify the office symbol or code within the receiving organization, if necessary.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N101	98	**Entity Identifier Code**	M	ID	2/2	Mus

Description: Code identifying an organizational entity, a physical location, or an individual

User Note 1: *When the Z7 code is used, the sender may opt not to include N2, N3, N4 data for code Z7.*

Code	Name
31	Postal Mailing Address

   User Note 1:

   Use only when an actual mailing address is required and it is different from the addres for any other qualifier code. Do not use if another qualifier code can be used to pass t address. When used, cite the name of the party in N102 and the N2 segment, if neces

AE	Additional Delivery Address

   User Note 1:

   Use to indicate a shipment in-place location.

ST	Ship To

   User Note 1:

   If the address is an FPO or APO, use the appropriate code in N101, cite FPO or APO cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA f AE for New York, AP for San Francisco) in N406.

Z7	Mark-for Party

Ref	Id	Element Name	Req	Type	Min/Max	Us
N102	93	**Name**	O	AN	1/35	U

Description: Free-form name.

| N103 | 66 | **Identification Code Qualifier** | O | ID | 1/2 | U |

Description: Code designating the system/method of code structure used for Identification Code (67).

User Note 1: *While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.*

Code	Name
10	Department of Defense Activity Address Code (DODAAC)

| | 33 | Commercial and Government Entity (CAGE) | | | | |

| N104 | 67 | **Identification Code** | O | AN | 2/20 | U |

Description: Actual DODAAC.

N2   Additional Name Information

User Option (Usage): Used

To specify additional names or those longer than 35 characters in length

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DOD Note:

When the Z7 code is used, the sender may opt not to include N2, N3, N4 data for code Z7.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N201	93	**Name**	M	AN	1/35	Mus
		User Note 1: *Additional Name 1 or Name Line 2.*				
N202	93	**Name**	O	AN	1/35	U
		User Note 1: *Additional Name 2*				

N3   Address Information

User Option (Usage): Used

To specify the location of the named party

> **DOD Note:**
> *When the Z7 code is used, the sender may opt not to include N2, N3, N4 data for code Z7.*

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N301	166	**Address Information**	M	AN	1/35	Mus
		User Note 1: *Additional Address 1 or Address Line 2.*				
N302	166	**Address Information**	O	AN	1/35	U
		User Note 1: *Address Line 1 or Address Line 3 used for Overseas Addresses or Address Line 4 when unable to parse the City, State and Zip.*				

N4   Geographic Location

User Option (Usage): Used

To specify the geographic place of the named party

DOD Note:
When the Z7 code is used, the sender may opt not to include N2, N3, N4 data for code Z7.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
N401	19	**City Name**	O	AN	2/30	U
		Description: Free-form text for city name.				
N402	156	**State or Province Code**	O	ID	2/2	U
		Description: Code (Standard State/Province) as defined by appropriate government agency.				
N403	116	**Postal Code**	O	ID	3/11	U
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States).				
N404	26	**Country Code**	O	ID	2/3	U
		Description: Code identifying the country.				

AMT Monetary Amount

User Option (Usage): Used

To indicate the total monetary amount.

DOD Note:

This segment can be used to specify the amount associated with the ACRN (REF01 is code AX), to specify the total funds obliga the line item cited in PO101 (the total of all amounts associated with an ACRN), and to specify amounts associated with an award incentive, fixed-fee, or cost sharing line items.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
AMT01	522	**Amount Qualifier Code**	M	ID	1/2	Mus
		Description: Code to qualify amount				

Code	Name
1	Line Item Total

Ref	Id	Element Name	Req	Type	Min/Max	Us
AMT02	782	**Monetary Amount**	M	R	1/15	Mus
		Description: Monetary amount.				

REF   Reference Numbers

User Option (Usage): Used

To specify identifying numbers.

DOD Note:

Use this segment to identify reference numbers applicable to an amount cited in AMT02, e.g., an ACRN, fund code, accounting c
appropriation number, etc.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
REF01	128	**Reference Number Qualifier**	M	ID	2/2	Mus

Description: Code qualifying the Reference Number.

Code	Name
AX	Government Accounting Class Reference Number (ACRN)

Ref	Id	Element Name	Req	Type	Min/Max	Us
REF02	127	**Reference Number**	O	AN	1/30	U

Description: Used to identify the two (2) character ACRN.

LM   Code Source Information

User Option (Usage): Used

To transmit standard code list identification information

DOD Note:

Use this loop to provide data to field contract administration offices that cannot be provided by other means within this transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Mus

Description: Code identifying the agency assigning the code values.

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

User Option (Usage): Must use

Code to transmit standard industry codes

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	U

Description: Code identifying a specific industry code list

Code	Name
A9	Supplementary Address

    Description: Identifies the originating organization's unique logistics information

Ref	Id	Element Name	Req	Type	Min/Max	Us
LQ02	1271	**Industry Code**	O	AN	1/20	U

Description: Supplementary Address DODAAC.
User Note 1: *Supplementary Address DODAAC.*

CTT　**Transaction Totals**

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set. Currently, all POPS orders are single-line purchase orders.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
CTT01	354	**Number of Line Items**	M	N0	1/6	Mus

CTT01 description:

Description: Total number of line items in the transaction set.

User Note 1: *Use to identify the total number of PO1 segments contained in this transaction set.*

AMT   Monetary Amount

User Option (Usage): Used

To indicate the total monetary amount.

DOD Note:
Use this segment to specify the total value of the award instrument.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount	M	ID	1/2	Mus

Code	Name
TT	Total Transaction Amount

User Note 1:
Use to indicate the total value of the award instrument when it is not an estimate.

Ref	Id	Element Name	Req	Type	Min/Max	Us
AMT02	782	**Monetary Amount** **Description:** Total transaction amount. PO1 totals plus SAC totals.	M	R	1/15	Mus

SE   Transaction Set Trailer

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/10	Mus
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. **User Note 1:** *Enter the same number as the one carried in ST02* *(System Generated).*	M	AN	4/9	Mus

GE   Functional Group Trailer

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.	M	N0	1/6	Mus
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender.	M	N0	1/9	Mus

IEA   Interchange Control Trailer

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Us
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Mus
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Mus